

Fig. 1

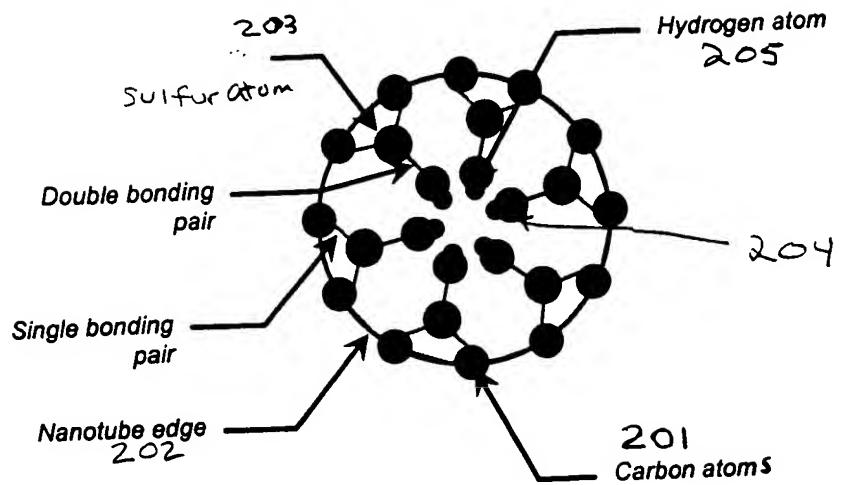


Fig. 2A

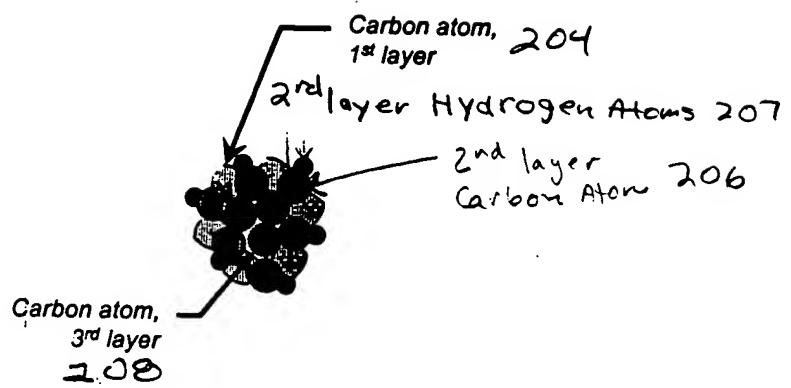


Fig. 2B

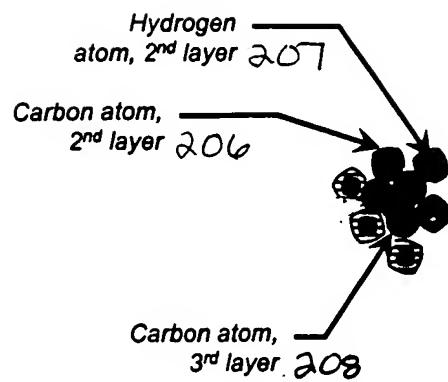


Fig 2c

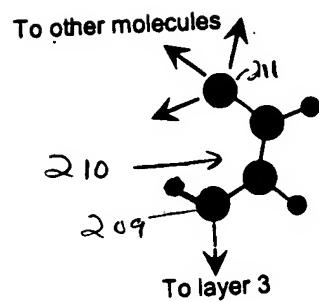
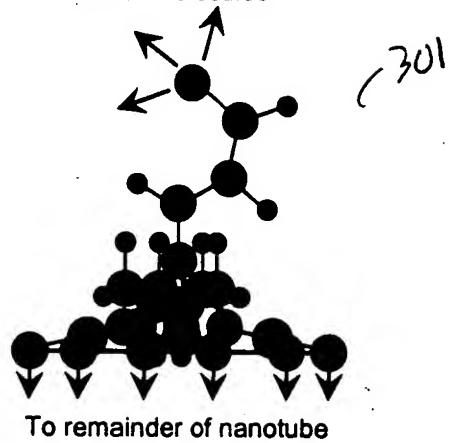


Fig. 2D

To other molecules



Completed molecule, side view

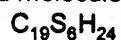
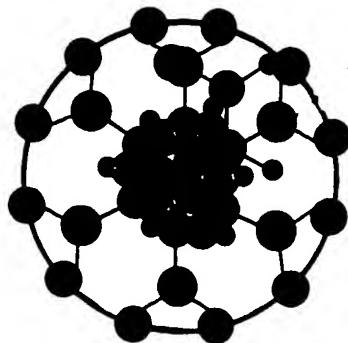


Fig. 3A

301



Completed molecule, top view



3 B

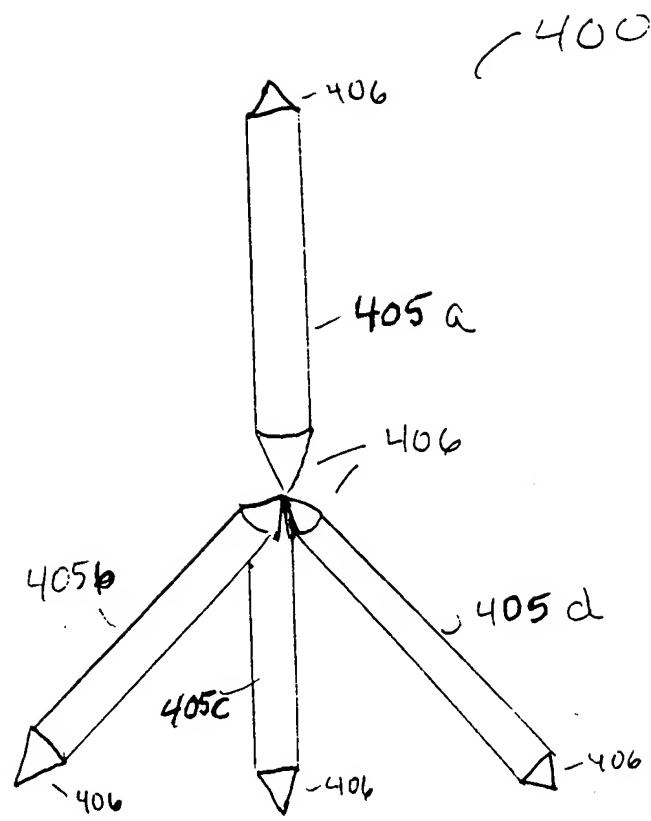


Fig. 4

1 500
Create Slabs of a composite
Polymer incorporating 3D nanotube
Structures. -505

↓
Place a series of wires
between the slabs in a
Stack. -510

↓
Chemically bond the stack
of slabs. -515

↓
Heat the wires and remove
to form the fluid channels
of the microchannel device. -520

Fig. 5